

TEMPERATURE OF WATER.

The maximum and minimum temperature of the water, in the rivers and harbors, is given in the small table on the Map No. III

FROSTS.

The prevailing cloud and rain of the month have retarded the advance of vegetation to such an extent that the frosts that have been experienced, although severe on early vegetables, appear to have done less damage to fruits than might have been otherwise experienced. Frosts were reported from Texas, Alabama and Virginia on the 10th, and in Illinois and Nebraska on the 21st.; the frosts most extensively felt, however, were those of the mornings of the 29th and 30th. On the former date it was experienced in Missouri, Illinois, Michigan, Ohio, Tennessee, Virginia, New Jersey, and possibly to a slight extent, in Florida; on the 30th frost prevailed very generally over Alabama, Tennessee and West Virginia, and the entire Atlantic States, from northern Florida to New York-

BOTANICAL AND ZOOLOGICAL PHENOMENA.

(1.—*VEGETATION.*)

From observations too numerous to detail, it appears that on the last day of the month vegetation was very generally backward to the extent of fifteen or twenty days in comparison with the average of former years but had been developing very rapidly during the last two days in the South and especially in the West. The frosts of the month appear in general to have injured only such a proportion of fruit, buds or blossoms, as was beneficial rather than injurious to the remainder of the crop.

(2.—*FISHERIES.*)

Shad are reported to have first appeared in the Potomac on the 5th and in the Hudson on the 13th.

(3.—*THE MIGRATION OF GEESE AND DUCKS.*)

The migration northward of wild geese, which is looked upon by many as the sure harbinger of spring, was noted on the following dates:

On the 3rd at Kingston, Massachusetts; 4th at Mt. Desert, Maine; 10th, 11th and 12th at St. Paul; 15th near New York city; 19th at St. Paul, Minnesota; 22nd at New Haven and 29th at Welborn, Florida

LOCAL STORMS.

Local storms, generally of the nature of tornadoes and hail storms, have been reported on the 6th at Memphis and New Madrid; 14th at Cleveland; 15th at Shreveport; 20th at Erie, Pennsylvania; 14th at Fort Gibson, Indian Territory; 7th at Norfolk, Virginia; mid-night of 14-15th at Nashville, Tennessee; 7th at Wilmington, North Carolina; a terrible squall, of the violence of a hurricane, was reported from Halifax on the 10th.

PRAIRIE FIRES.

Numerous prairie fires were reported as seen on the 16th at Breckenridge; 19th at St. Paul.